



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

SHEET 1 OF 3  
(REV. 7-80)**LIST OF REFERENCES CITED BY APPLICANT**

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DOCKET NO.: 3153/1G638US2 SERIAL NO: 09/724,548

APPLICANT: Stephen QUAKE ET AL. FILING DATE: November 28, 2000

**U.S. PATENT DOCUMENTS**

<u>*EXAMINER</u> <u>INITIALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	1. 4,581,624	04/08/86	O'Connor, J.M.	357	26	03/0184
	2. 4,585,209	04/29/86	Aine, H.E., et al.	251	129	10/27/83
	3. 5,417,235	05/23/95	Wise, K.D., et al.	137	1	07/28/93
	4. 5,445,934	08/29/95	Fodor, et al.	435	6	09/30/92
	5. 5,454,472	10/03/95	Benecke et al.	209	127.1	02/18/94
	6. 5,726,404	03/10/98	Brody	200	81	03/31/96
	7. 5,837,832	11/17/98	Chee, et al.	536	22.1	05/16/95
	8. 5,880,690	08/01/98	Chow et al.	204	451	07/03/96
	9. 5,948,227	09/07/99	Dubrow	204	455	12/17/97
	10. 5,965,001	10/12/99	Chow et al.	204	600	07/03/97
	11. 6,042,709	03/28/00	Parce et al.	204	453	11/24/98
	12. 6,007,690	12/28/99	Nelson et al.	204	601	07/30/97

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	13. WO 98/52691	11/26/98	PCT	B01L	3/00	Yes

**OTHER REFERENCES**  
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15. Joel S. Bader, *et al.*, "DNA transport by a micromachined Brownian ratchet device," *PNAS*, Nov. 9, 1999., Vol. 96 (23), pages 13165-13169
16. J. P. Brody, *et al.*, "Low Reynolds number micro- fluidic devices," *In Proc. of Solid-State Sensor and Actuator Workshop*, June 1996, pages 105-108.
17. Castro, A., *et al.*, "Fluorescence Detection and Size Measurement of Single DNA Molecules," *Analytical Chemistry*, April 1, 1993, Vol. 65, pages 849-852
18. N. H. Chiem, *et al.*, "Microchip Systems for Immunoassay: an Integrated Immunoreactor with Electrophoretic Separation for Serum Theophylline Determination," *Clinical Chemistry*, (1998), Vol. 44, No. 3, page 591
19. Hou-Pu Chou, *et al.*, "A microfabricated device for sizing and sorting DNA molecules," *PNAS*, Jan.1999, Vol. 96, pages 11-13
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EXAMINER: DATE CONSIDERED: 3/16/2004\*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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DOCKET NO.: 3153/1G638US2 SERIAL NO: 09/724,548  
APPLICANT: Hou-Pu CHOU et al. FILING DATE: November 28, 2000  
CONFIRMATION NO: 8333

**U.S. PATENT DOCUMENTS**

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Bj	1. 4,108,565	4/19/77	Fletcher, III et al.	23	253R, 230R, 230A, 253A,	10/17/75
	2. 6,015,531	1/18/00	Colin et al.	204	1T, 195T	
	3. 6,043,080	3/28/00	Lipshutz et al.	422	58, 68.1, 102	6/9/97
				435	287.2, 6, 91.2, 288.5, 306.1	12/11/98
Bj	4. 6,103,199	8/15/00	Bjornson et al.	422	68.1	
				422	100, 68.1, 70	9/15/98
				435	288.4, 288.5,	
				204	450, 453, 600, 604	

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Bj	5. 99/61888	12/2/99	WIPO	G01N	15/14	
	6. 01/34302	5/17/01	WIPO	B01L	3/00	
	7. 01/45843	6/28/01	WIPO	B01L	3/00	
	8. 01/89695	11/29/01	WIPO	B01L	3/00	

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BJS	1. 09043251	2/14/97	JP	G01N	35/10, 35/06	X (Abstract)

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